



RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/624,201
Source: O/PK
Date Processed by STIC: 8/1/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIKE

RAW SEQUENCE LISTING

DATE: 08/01/2003

PATENT APPLICATION: US/10/624,201

TIME: 14:26:58

Input Set : A:\Is1711.app

Output Set: N:\CRF4\08012003\J624201.raw

3 <110> APPLICANT: Hannapel, David J.
 4 Chen, Hao
 5 Rosin, Faye M.
 7 <120> TITLE OF INVENTION: POTATO TRANSCRIPTION FACTORS, METHODS OF USE THEREOF,
 8 AND A METHOD FOR ENHANCING TUBER DEVELOPMENT
 10 <130> FILE REFERENCE: 82162/171
 12 <140> CURRENT APPLICATION NUMBER: US/10/624,201
 13 <141> CURRENT FILING DATE: 2003-07-21
 15 <150> PRIOR APPLICATION NUMBER: 60/397,423
 16 <151> PRIOR FILING DATE: 2002-07-19
 18 <160> NUMBER OF SEQ ID NOS: 28
 20 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

522 <210> SEQ ID NO: 7
 523 <211> LENGTH: 2103
 524 <212> TYPE: DNA
 525 <213> ORGANISM: Solanum tuberosum
 527 <400> SEQUENCE: 7

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 530 ctcatcatga tgatcatcaa ggctcgtggc atcacgataa taacagaaca ttacttggtg 180
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 543 atatgatgga gactcatcca tggagaccgc aacgtggtct cccagaaaga tcagtctccg 960
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 547 aagaaaatgt tggatctcca gatggatcaa aagccctaatt tgatgacatg acaattcatc 1200
 548 aatcacacat tgatcatcat caagctgatc aaaagccaaa tcttgtaaga attgactctg 1260
 549 aatgcatatc ttccatcata aatcatcaac ctcatgagaa aatgatcaa aactatggag 1320

Does Not Comply
 Corrected Diskette Needed

see
 error
 explanation
 on p. 4

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550 taattagagg tggagatcaa tcgtttggcg cgattgagct agattttttca acaaattattg 1380
 551 cttatggtac tagtggtggt gaccatcatc atcatggagg ggggtgttct ttaacattgg 1440
 552 gattacaaca acatggtgga agtggtggat catcaatggg gttaactaca ttttcatcac 1500
 553 aaccatctca taatcaaagt tcactttttt atccaagaga tgatgatcaa gttcaatatt 1560
 554 catcactttt ggatagttaa aatcagaatt tgccatatag aaaccttgat gggggcacaa 1620
 555 cttcttcatg atttggtctg ttaaaaaatg acagagattc ttcatttttg accttattat 1680
 556 atactctaatt ttaatatat attggtgatg aatgatgata aaaaaaaaaa aaaaaaaaaa 1740
 E--> 557 aaaaaaaaaa aaaaaaaaaa acctcgancc cggtcgactn tanancccta tagtgagtcg 1800
 E--> 558 tnttctgca nantctnctg aatcgtaaat nctgaaaaac cccgcaagtt cacttcaact 1860
 E--> 559 gngcatcng cncatctca atttctttca tttatncatc gttttgcctt nttttatgta 1920
 E--> 560 actatnctcc tntaagtttc aatcttggcc atgtaacctn tgatctntaa aattttttaa 1980
 E--> 561 atgactanaa ttaatgccca tntttttttt ggacctaaat tnttcatgaa aatnnnttnc 2040
 E--> 562 nagggtctnt tcaaaanctt tggactnttt nccanaggt ttggtcaagt ntccaatcaa 2100
 563 ggt 2103

P.4

849 <210> SEQ ID NO: 11

850 <211> LENGTH: 2128

851 <212> TYPE: DNA

852 <213> ORGANISM: Solanum tuberosum

854 <400> SEQUENCE: 11

P.3

855 caagggcttt cacttagcct gtcctcgtcc cagcagccgg ggtttgggaa cttcacggcg 60
 856 gcgcgtgagc ttgtttcttc gccttcgggt tcggcttcag cttcagggat acaacaacaa 120
 857 caacagcaac aacagagtat tagtagtgtg cctttgagtt ctaagtacat gaaggctgca 180
 858 caagagctac ttgatgaagt tgtaaatggt ggaaaatcaa tgaaaagtac taatagtact 240
 859 gatgttggtt ttaataatga tgtcaagaaa gctccaacaa ctgagctaag tacaggggag 300
 860 ttagacggag ttggagcaga caaagacgga gctccaacaa ctgagctaag ggtggagcag 360
 861 agacaagaaa ttcaaatgaa gaaagcaaaa cttgttaaca tgcttgacga ggtggagcag 420
 862 aggtatagac attatcatca ccaaatgcag tcagtgtatc attggttaga gcaagctgct 480
 863 ggcattggat cagcaaaaac atatacagca ttggctttgc agacgatttc gaagcaattt 540
 864 aggtgtctta aggacgcgat aattggtcaa atacgatcag caagccagac gttaggcgaa 600
 865 gaagatagtt tgggagggaa gattgaaggt tcaaggctta aatttgttga taatcagcta 660
 866 agacagcaaa gggctttgca acaattggga atgatccagc ataatgcttg gagacctcag 720
 867 agaggattgc ccgaacgagc tgtttctggt cttcgcgctt ggctttttga acatttcctc 780
 868 catccttatc ccaaggattc agacaaaatg atgctagcaa acaaaacagg actaactagg 840
 869 agtcagggtg cgaattggtt catcaatgct cgagttcgtc tttggaagcc aatggtggaa 900
 870 gagatgtact tggaagagat aaaagaacac gaacagaatg ggttgggtca agaaaagacg 960
 871 agcaaattag gtgaacagaa cgaagattca acaacatcaa gatccattgc tacacaagac 1020
 872 aaaagccctg gttcagatag ccaaaacaa agttttgtct caaaacagga caatcatttg 1080
 873 cctcaacaca accctgcttc accaatgccc gatgtccaac gccacttcca taccctatc 1140
 874 ggtatgacca tccgtaatca gtctgctggt ttcaacctca ttggatcacc agagatcgaa 1200
 875 agcatcaaca ttactcaagg gagtccaaag aaaccgagga acaacgagat gttgcattca 1260
 876 ccaaacagca ttccatccat caacatggat gtaaaagccta acgaggaaca aatgtcgatg 1320
 877 aagtttggtg atgataggca ggacagagat ggattctcac taatgggagg accgatgaac 1380
 878 ttcatgggag gattcggagc ctatcccatt ggagaaattg ctcggttttag caccgagcaa 1440
 879 ttctcagcac catactcaac cagtggcaca gtttactca ctcttggcct accacataac 1500
 880 gaaaacctct caatgtctgc aacacaccac agtttccttc caattccaac acaaaacatc 1560
 881 caaattggaa gtgaacaaa tcatgagttt ggtagcttaa acacaccaac atcagctcac 1620
 882 tcaacatcaa gcgtctatga aaccttcaac attcagaaca gaaagagggt cgccgcaccc 1680
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 884 cttctgtcgc taaacaagga catgatttag cgacagataa cttcagtcgc taacttagcg 1800

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885 actgaaaact tctgtcgcta agcatgaaca tgtattagcg acatacagta tgcaactgta 1860
886 tgtcactaaa caagaacatg atgaattagt gacggacaac ttctgtcgct aaacaacaaa 1920
887 aaaaaatcca tgtttttagta tattgtttct cattctatca tatcatggta gtgtaaagaa 1980
888 tcaagaaaca agttttacat agtaacagtc ttatacatt ggagatgaag aaccatttaa 2040
E--> 889 gtttttcaaa atagatagat tttctagggt acttctanaa gatatatata tggttgaggg 2100
890 tttgtatatt aaaaaaaaaa aaaaaaaaaa 2128

p. 4

VARIABLE LOCATION SUMMARY

DATE: 08/01/2003

PATENT APPLICATION: US/10/624,201

TIME: 14:26:59

error explanation

Input Set : A:\Is1711.app

Output Set: N:\CRF4\08012003\J624201.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:7; N Pos. 5,1768,1780,1783,1785,1794,1802,1805,1811,1813,1818,1831

Seq#:7; N Pos. 1862,1869,1872,1896,1911,1926,1932,1960,1967,1988,2002,2022

Seq#:7; N Pos. 2034,2036,2039,2041,2049,2057,2068,2072,2076,2091

Seq#:11; N Pos. 2078

VERIFICATION SUMMARY

DATE: 08/01/2003

PATENT APPLICATION: US/10/624,201

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Input Set : A:\Is1711.app

Output Set: N:\CRF4\08012003\J624201.raw

L:12 M:270 C: Current Application Number differs, Replaced Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:528 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7

M:340 Repeated in SeqNo=7

L:889 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:11